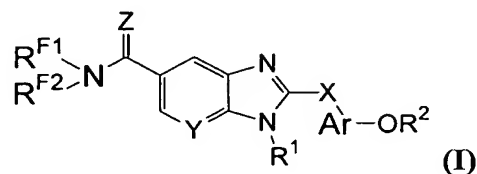


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 5 Claim 1. (original) A compound of formula (I) or pharmaceutically acceptable salts thereof:



wherein

- R^{F1} and R^{F2} are independently electron-withdrawing groups;
- 10 Z is selected from O= and S=;
- R^1 is selected from C_{1-10} alkyl; C_{1-10} alkyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; C_{2-10} alkenyl; C_{2-10} alkenyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; C_{2-10} alkynyl; C_{2-10} alkynyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; R^3R^4 N-
15 C_{1-6} alkyl; R^3R^4 NC(=O)- C_{1-6} alkyl; R^3 O- C_{1-6} alkyl; R^3 OC(=O)- C_{1-6} alkyl; R^3 C(=O)- C_{1-6} alkyl; R^3 C(=O)NR 3 - C_{1-6} alkyl; R^3R^4 NSO $_2$ - C_{1-6} alkyl; R^3 CSO $_2$ N(R^4)- C_{1-6} alkyl; R^3R^4 NC(=O)N(R^5)- C_{1-6} alkyl; R^3R^4 NSO $_2$ N(R^5)- C_{1-6} alkyl; aryl- C_{1-6} alkyl; aryl-C(=O)- C_{1-6} alkyl; heterocyclyl- C_{1-6} alkyl; heterocyclyl-C(=O)- C_{1-6} alkyl; substituted aryl- C_{1-6} alkyl; substituted aryl-C(=O)- C_{1-6} alkyl; substituted heterocyclyl- C_{1-6} alkyl;
20 substituted heterocyclyl-C(=O)- C_{1-6} alkyl; and C_{1-10} hydrocarbylamino;
- R^2 is selected from C_{1-6} alkyl, substituted C_{1-6} alkyl, C_{2-6} alkenyl, substituted C_{2-6} alkenyl, C_{2-6} alkynyl, substituted C_{2-6} alkynyl, C_{3-6} cycloalkyl, substituted C_{3-6} cycloalkyl, aryl, substituted aryl, and C_{5-6} heteroaryl, and substituted C_{5-6} heteroaryl;
- 25 R^3 , R^4 and R^5 are independently selected from -H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, and a divalent C_{1-6} group that together with another divalent C_{1-6} group forms a portion of a ring;
- X is a C_{1-10} divalent group that separates groups connected thereto by one or two atoms;

Ar is a C₄₋₁₂ divalent aromatic group; and

Y is selected from –CH= and –N=.

Claim 2. (original) The compound as claimed in claim 1, wherein

5 R^{F1} and R^{F2} are independently C₁₋₆alkyl substituted by one or more groups selected from -F, -Cl, -Br, -NO₂, -CN, -OH, -CHO, -C(=O)-R' and -OR', wherein R' is a C₁₋₃alkyl.

Claim 3. (original) The compound as claimed in claim 1, wherein

10 R^{F1} and R^{F2} are independently selected from -CF₃, -CH₂CF₃, -CH₂CHF₂, -CHFCH₂F, -CHFCHF₂, -CHFCH₂F, -CF₂CF₃, -CF₂CH₃, -CF₂CH₂F, -CF₂CHF₂, -CF₃, -CH₂CCl₃, -CH₂CHCl₂, -CH₂CB₂, -CH₂CHBr₂, -CH₂NO₂, -CH₂CH₂NO₂, -CH₂CN, -CH₂CH₂CN, and -CH₂CH₂OCH₃.

15 Claim 4. (original) The compound as claimed in claim 1, wherein R^{F1} and R^{F2} are independently C₁₋₆ groups that comprise at least 30% fluorine by weight and Z is O=.

Claim 5. (original) The compound as claimed in claim 1, wherein R¹ is selected from C₁₋₁₀ alkyl; C₁₋₁₀alkyl substituted by at least one of halogen, cyano,

20 acetoxymethyl and nitro; C₂₋₁₀alkenyl; C₂₋₁₀alkenyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; C₂₋₁₀alkynyl; C₂₋₁₀alkynyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; R³R⁴N-C₁₋₆alkyl; R³R⁴NC(=O)-C₁₋₆alkyl; R³O-C₁₋₆ alkyl; R³OC(=O)-C₁₋₆alkyl; R³C(=O)-C₁₋₆alkyl; R³C(=O)NR³-C₁₋₆alkyl; R³R⁴NSO₂-C₁₋₆alkyl; R³CSO₂N(R⁴)-C₁₋₆alkyl; R³R⁴NC(=O)N(R⁵)-C₁₋₆alkyl; 25 R³R⁴NSO₂N(R⁵)-C₁₋₆alkyl; aryl-C₁₋₆alkyl; aryl-C(=O)-C₁₋₆alkyl; heterocyclyl-C₁₋₆alkyl; heterocyclyl-C(=O)-C₁₋₆alkyl; substituted aryl-C₁₋₆alkyl; substituted aryl-C(=O)-C₁₋₆alkyl; substituted heterocyclyl-C₁₋₆alkyl; substituted heterocyclyl-C(=O)-C₁₋₆alkyl; and C₁₋₁₀hydrocarbylamino;

R² is selected from C₁₋₆alkyl, C₁₋₆alkyl substituted by at least one fluorine, 30 C₂₋₆alkenyl, C₂₋₆alkenyl substituted by at least one fluorine, C₂₋₆alkynyl, C₂₋₆alkynyl substituted by at least one fluorine, C₃₋₆cycloalkyl, substituted C₃₋₆cycloalkyl, aryl, substituted aryl, and C₅₋₆heteroaryl, and substituted C₅₋₆heteroaryl;

R^3 , R^4 and R^5 are independently selected from -H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, and a divalent C_{1-6} group that together with another divalent C_{1-6} group forms a portion of a ring; and

X is selected from $-NR^6-$, $-C(=O)-$, $-CH_2-CH_2-$, $-CH=CH-$, $-O-$, $-C(R^6)(R^7)-$,
5 and $-S(O)_n-$, wherein n is 0, 1 or 2, wherein R^6 and R^7 are independently C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-6} alkoxy, -OH, or -H.

Claim 6. (original) A compound according to Claim 1,
wherein:

10 R^1 is selected from C_{1-8} alkyl; C_{2-8} alkenyl; C_{2-8} alkynyl; aryl- C_{1-6} alkyl; aryl- C_{1-6} alkyl with the aryl substituted by at least one group selected from C_{1-6} alkyl, acetoxymethyl, nitro and halogen; $R^8R^9NC_{1-6}$ alkyl; R^8OC_{1-6} alkyl; cycloalkyl- C_{1-6} alkyl; heterocycloalkyl- C_{1-6} alkyl; heterocycloalkyl- C_{1-6} alkyl with the
heterocycloalkyl thereof substituted by at least one group selected from C_{1-8} alkyl,
15 acetoxymethyl, nitro and halogen; C_{1-6} alkylaryl; C_{1-6} alkyl- $C(=O)-$; C_{6-8} aryl- $C(=O)-$; C_{4-8} heteroaryl- $C(=O)-$; heteroaryl- C_{1-6} alkyl; heteroaryl- C_{1-6} alkyl with the heteroaryl thereof substituted by at least one group selected from C_{1-6} alkyl, acetoxymethyl, nitro and halogen; and $R^N C_{1-6}$ alkyl;

R^2 is selected from $-CH_3$, $-CH_2CH_3$, $-CH(CH_3)_2$, C_{3-6} cycloalkyl, $-CH_2CF_3$,
20 $-CHF_2$, $-CF_3$ and aryl;

R^N is an oxidized pyridyl wherein the nitrogen atom on the pyridyl ring is in an oxidized state (N^+-O^-);

Ar is selected from an arylene; an heteroarylene; an arylene substituted by at least one group selected from C_{1-6} alkyl, halogen, trifluoromethyl, cyano, nitro,
25 hydroxy and C_{1-6} alkoxy; and an heteroarylene substituted by at least one group selected from C_{1-6} alkyl, halogen, trifluoromethyl, cyano, nitro, hydroxy and C_{1-6} alkoxy; and

R^8 and R^9 are independently selected from -H and C_{1-6} alkyl.

30 Claim 7. (original) The compound according to claim 6,

wherein the arylene is *para*-arylene; and the heteroarylene is selected from six-membered ring *para*-heteroarylene and five-membered ring *meta*-heteroarylene.

Claim 8. (original) A compound according to Claim 1,
wherein:

R¹ is selected from ethyl, propyl, allyl, isopentyl, benzyl, dimethylaminoethyl,
4-pyridylmethyl, 2-pyridylmethyl, 1-pyrrolylethyl, cyclopropylmethyl,
5 cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, 2-pyrrolidylmethyl, 3-
pyrrolidylmethyl, N-methyl-2-pyrrolidylmethyl, N-methyl-3-pyrrolidylmethyl, 2-
piperidylmethyl, 3-piperidylmethyl, 4-piperidylmethyl, N-methyl-2-piperidylmethyl,
N-methyl-3-piperidylmethyl, N-methyl-4-piperidylmethyl, 3-thienylmethyl, 2-
tetrahydrofuranylmethyl, 3-tetrahydrofuranylmethyl, 2-tetrahydropyranylmethyl,
10 3-tetrahydropyranylmethyl, 4-tetrahydropyranylmethyl, (2-nitrothiophene-5-
yl)methyl, (1-methyl-1H-imidazole-2-yl)methyl, (5-(acetoxymethyl)-2-
furanylmethyl, (2,3-dihydro-1H-isoindole-1-yl)methyl, and 5-(2-methylthiazolyl);

R² is selected from -CH₃, -CH₂CH₃, -CH(CH₃)₂, -CH₂CF₃, CF₃, cyclopropyl,
cyclobutyl, cyclopentyl, cyclohexyl and phenyl;

15 R^{F1} and R^{F2} are -CH₂CF₃ and Z is O=;

Ar is selected from a *para*-arylene; a *para*-arylene substituted with C₁₋₆alkyl,
halogen, trifluoromethyl, cyano, nitro, hydroxy and C₁₋₆alkoxy; a six-membered ring
para-heteroarylene; and a six-membered ring *para*-heteroarylene substituted with a
group selected from C₁₋₆alkyl, halogen, trifluoromethyl, cyano, nitro, hydroxy and
20 C₁₋₆alkoxy.

Claim 9. (original) A compound according to Claim 1,
wherein:

R^{F1} and R^{F2} are -CH₂CF₃, and Z is O=;

25 R² is -CH₂CH₃;

Ar is selected from *para*-phenylene and *para*-pyridylene; and

X is selected from -CH₂- and -CH(CH₃)-

Claim 10. (original) A compound according to claim 1, wherein said compound is
30 selected from:

2-[(4-Ethoxyphenyl)methyl]-1-(3-methylbutyl)-N,N-bis(2,2,2-trifluoroethyl)-1H-
benzimidazole-5-carboxamide;

1-(Cyclopropylmethyl)-2-[(4-ethoxyphenyl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

1-(Cyclohexylmethyl)-2-[(4-ethoxyphenyl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-
5 benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-(2-furanylmethyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[(2*S*)-2-pyrrolidinylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

10 2-[(4-Ethoxyphenyl)methyl]-1-[(2*R*)-2-pyrrolidinylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-ethoxyphenyl)methyl]-1-(4-pyridinylmethyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[1-(4-Ethoxyphenyl)ethyl]-1-(4-pyridinylmethyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-
15 benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[(tetrahydro-2*H*-pyran-4-yl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[(2*R*)-tetrahydro-2-furanyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

20 2-[(4-Ethoxyphenyl)methyl]-1-[(2*S*)-tetrahydro-2-furanyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[(tetrahydro-2*H*-pyran-2-yl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[(2*R*)-2-piperidinylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;
25

2-[(5-Ethoxy-2-pyridyl)methyl]-1-[(tetrahydro-2*H*-pyran-4-yl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(5-Ethoxy-2-pyridinyl)methyl]-1-(3-methylbutyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

5 2-[(4-Ethoxyphenyl)methyl]-1-[[*(2R)*-1-methyl-2-pyrrolidinyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(4-Ethoxyphenyl)methyl]-1-[[*(2R)*-1-methyl-2-piperidinyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

10 2-[(5-Ethoxy-2-pyridinyl)methyl]-1-[[*(2R)*-2-pyrrolidinylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[1-(4-Ethoxyphenyl)ethyl]-1-[[*(2R)*-2-pyrrolidinylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(5-Ethoxy-2-pyridinyl)methyl]-1-[[*(2R)*-1-methyl-2-piperidinyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

15 2-[(5-Ethoxy-2-pyridinyl)methyl]-1-[[*(2R)*-1-methyl-2-pyrrolidinyl]methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

1-(Cyclobutylmethyl)-2-(4-ethoxybenzyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

20 1-(Cyclobutylmethyl)-2-[(5-ethoxypyridin-2-yl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

1-(Cyclopentylmethyl)-2-[(5-ethoxypyridin-2-yl)methyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-(4-Ethoxybenzyl)-1-[(*2S*)-piperidin-2-ylmethyl]-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

25 2-[(5-Ethoxypyridin-2-yl)methyl]-1-(3-furylmethyl)-*N,N*-bis(2,2,2-trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-[(5-Ethoxypyridin-2-yl)methyl]-1-(3-thienylmethyl)-*N,N*-bis(2,2,2-trifluoroethyl)-
1*H*-benzimidazole-5-carboxamide;

1-(Cyclohexylmethyl)-2-[(5-ethoxypyridin-2-yl)methyl]-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

5 1-(Cyclohexylmethyl)-2-[(5-isopropoxypyridin-2-yl)methyl]-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-(4-Ethoxybenzyl)-1-[(4-methylmorpholin-3-yl)methyl]-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

10 2-[(5-Ethoxypyridin-2-yl)methyl]-1-[(4-methylmorpholin-3-yl)methyl]-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-(4-Ethoxybenzyl)-1-{[(2*S*)-1-methylpiperidin-2-yl]methyl}-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

2-(4-Isopropoxybenzyl)-1-{[(2*R*)-1-methylpiperidin-2-yl]methyl}-*N,N*-bis(2,2,2-
trifluoroethyl)-1*H*-benzimidazole-5-carboxamide;

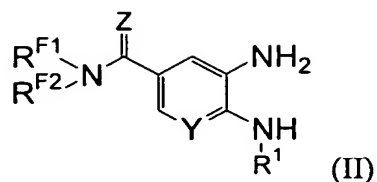
15 and pharmaceutically acceptable salts thereof.

Claims 11-14. (canceled)

20 Claim 15. (currently amended) A pharmaceutical composition comprising a
compound according to ~~any one of claims 1-10~~ and a pharmaceutically acceptable
carrier.

25 Claim 16. (currently amended) A method for the therapy of pain in a warm-blooded
animal, comprising the step of administering to said animal in need of such therapy a
therapeutically effective amount of a compound according to ~~any one of claims 1-10~~.

Claim 17. (original) A method of producing a compound comprising the step of
reacting a compound represented by formula (II) with R²OArXCOA:



wherein

R^{F1} and R^{F2} are independently electron-withdrawing groups;

Z is selected from O= and S=;

5 R^1 is selected from C_{1-10} alkyl; C_{1-10} alkyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; C_{2-10} alkenyl; C_{2-10} alkenyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; C_{2-10} alkynyl; C_{2-10} alkynyl substituted by at least one of halogen, cyano, acetoxymethyl and nitro; $R^3R^4N-C_{1-6}$ alkyl; $R^3R^4NC(=O)-C_{1-6}$ alkyl; R^3O-C_{1-6} alkyl; $R^3OC(=O)-C_{1-6}$ alkyl; $R^3C(=O)-C_{1-6}$ alkyl; $R^3C(=O)NR^3-C_{1-6}$ alkyl; $R^3R^4NSO_2-C_{1-6}$ alkyl; $R^3CSO_2N(R^4)-C_{1-6}$ alkyl; $R^3R^4NC(=O)N(R^5)-C_{1-6}$ alkyl; $R^3R^4NSO_2N(R^5)-C_{1-6}$ alkyl; aryl- C_{1-6} alkyl; aryl- $C(=O)-C_{1-6}$ alkyl; heterocycl- C_{1-6} alkyl; heterocycl- $C(=O)-C_{1-6}$ alkyl; substituted aryl- C_{1-6} alkyl; substituted aryl- $C(=O)-C_{1-6}$ alkyl; substituted heterocycl- C_{1-6} alkyl; substituted heterocycl- $C(=O)-C_{1-6}$ alkyl; and C_{1-10} hydrocarbylamino;

15 R^2 is selected from C_{1-6} alkyl, substituted C_{1-6} alkyl, C_{2-6} alkenyl, substituted C_{2-6} alkenyl, C_{2-6} alkynyl, substituted C_{2-6} alkynyl, C_{3-6} cycloalkyl, substituted C_{3-6} cycloalkyl, aryl, substituted aryl, and C_{5-6} heteroaryl, and substituted C_{5-6} heteroaryl;

20 R^3 , R^4 and R^5 are independently selected from -H, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, and a divalent C_{1-6} group that together with another divalent C_{1-6} group forms a portion of a ring;

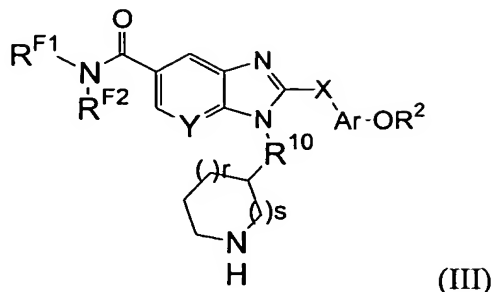
X is a C_{1-10} divalent group that separates groups connected thereto by one or two atoms;

A is selected from -OH, -Cl, -Br, and -I;

25 Ar is a C_{4-12} divalent aromatic group; and

Y is selected from -CH= and -N=.

Claim 18. (original) A method of producing a compound comprising the step of reacting a compound represented by formula (III) with formaldehyde:



wherein

r and s are selected from 0, 1 and 2;

R¹⁰ is selected from C₁₋₆alkylene, -O-, and -NR¹¹-, wherein R¹¹ is a C₁₋₆alkyl;

5 R^{F1} and R^{F2} are independently electron-withdrawing groups;

X is a C₁₋₁₀divalent group that separates groups connected thereto by one or two atoms;

Ar is a C₄₋₁₂divalent aromatic group;

10 R² is selected from C₁₋₆alkyl, substituted C₁₋₆alkyl, C₂₋₆alkenyl, substituted C₂₋₆alkenyl, C₂₋₆alkynyl, substituted C₂₋₆alkynyl, C₃₋₆cycloalkyl, substituted C₃₋₆cycloalkyl, aryl, substituted aryl, and C₅₋₆heteroaryl, and substituted C₅₋₆heteroaryl; and

Y is selected from -CH= and -N=.

15 Claim 19. (New) A pharmaceutical composition comprising a compound according to claim 8 and a pharmaceutically acceptable carrier.

Claim 20. (New) A pharmaceutical composition comprising a compound according to claim 9 and a pharmaceutically acceptable carrier.

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Claim 21. (New) A pharmaceutical composition comprising a compound according to claim 10 and a pharmaceutically acceptable carrier.

25 Claim 22. (new) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 8.

Claim 23. (new) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 9.

- 5 Claim 24. (new) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 10.

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